



376381  
#7

Attorney Docket No. E1067/20114  
Customer No. 31717  
**PATENT**

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE  
PATENT EXAMINING OPERATION

Applicants : Gilad Lavi, et al.  
Serial No. : 09/883,025  
Filed : June 17, 2001  
For : NEEDLE DEVICE AND METHOD THEREOF  
Group Art No. : 3763  
Examiner : K. Thompson

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OCT 14 2003  
TECHNOLOGY CENTER R3700

**AMENDMENT, PETITION AND FEE TO DELETE NAME OF INVENTOR AND TO  
ADD NAMES OF INVENTORS NOT NAMED IN DECLARATION-NONPROVISIONAL  
APPLICATION- 37 §1.48(a)**

Commissioner of Patents  
P. O. Box 1450  
Alexandria, VA 22313-1450

1. This amendment and petition is to correct the original incorrect naming of inventors in the declaration under 37 CFR §1.48(a) as set forth and filed on January 10, 2002.

2A. Deletion of Inventor

Delete the following previously named person as inventor of this application:

**Israil Tsals.**

10/08/2003 CCHAU1 00000128 030075 09883025

01 FC:1460 130.00 DA

## 2B. Addition of Inventors

Add the following previously unnamed persons as inventors of this application:

**DAVID DAILY**

**UDI CARMEL**

**AVI AZOULAY**

**OZ CABIRI.**

## 3. Attachments

Attached are:

(a) A statement from Israil Tsals who is being deleted as an inventor that the error in inventorship occurred without deceptive intent on his part; 37 CFR §1.48(a)(2).

(b) Respective statements from David Daily, Udi Carmel, Avi Azoulay and Oz Cabiri who are being added as inventors that the error in inventorship occurred without deceptive intent on each of their parts. 37 CFR §1.48(a)(2);

(c) A combined inventor declaration/power of attorney executed by each of the actual inventors as required by 37 CFR §1.63;

(d) an Application Data Sheet;

(e) A written assent of the Assignee, namely Elan Pharma International Limited, as required by 37 CFR §1.48(a)(4), including a

Statement Under 37 CFR §3.73(b) and a copy of an assignment from each of the correct inventors to Elan Pharma International Limited.

4. Fee Payment (37 CFR §1.17(i)).

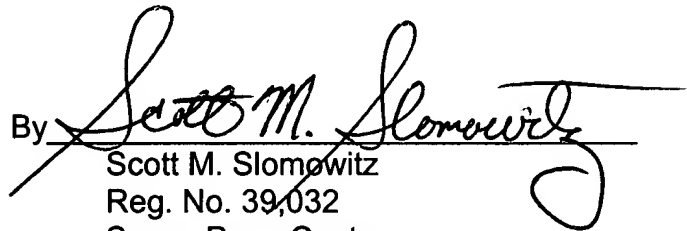
Authorization to pay the Petition Fee is set forth in the attached Fee Transmittal Sheet.

Respectfully submitted,

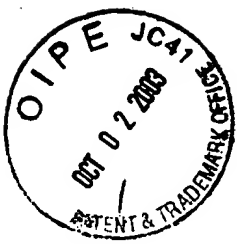
CAESAR, RIVISE, BERNSTEIN,  
COHEN & POKOTILOW, LTD.

September 30, 2003

By

A handwritten signature in black ink, appearing to read "Scott M. Slomowitz", is written over a horizontal line. The signature is fluid and cursive.

Scott M. Slomowitz  
Reg. No. 39,032  
Seven Penn Center  
12th Floor  
1635 Market Street  
Philadelphia, PA 19103-2212  
(215) 567-2010  
Attorneys for Applicants



# APPLICATION DATA SHEET

Electronic Version 0.0.11

Stylesheet Version: 1.0

Publication Filing Type: new-utility

Application Type: utility

Title of Invention: NEEDLE DEVICE AND METHOD THEREOF

Customer Number Correspondence Address: 31717

**\*31717\***

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## Continuity Data:

This application is a non-provisional of provisional 60/215,770 2000-06-30 PENDING

## INVENTOR(s):

Primary Citizenship: ISRAEL  
Given Name: Gilad  
Family Name: Lavi  
Residence City: RISHON LEZION  
Residence Country: IL  
Address: Hamshoreret Rachel 71  
Rishon Lezion ISRAEL, 75740 IL

Primary Citizenship: ISRAEL  
Given Name: GIL  
Family Name: YIGAL  
Residence City: GAN-YAVNE  
Residence Country: IL  
Address: SHLOM TZION 5/7  
GAN-YAVNE ISRAEL, 70800 IL

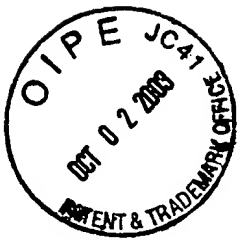
Primary Citizenship: ISRAEL  
Given Name: DAVID

Family Name: DAILY  
Residence City: HERZLIYA  
Residence Country: IL  
Address: 9 LEIB YAFE ST.  
HERZLIYA ISRAEL, 46321 IL

Primary Citizenship: ISRAEL  
Given Name: UDI  
Family Name: CARMEL  
Residence City: Ganey Tikva  
Residence Country: IL  
Address: 78/38 Hacarmel Street  
Ganey Tikva ISRAEL, 55900 IL

Primary Citizenship: ISRAEL  
Given Name: AVI  
Family Name: AZOULAY  
Residence City: ASHDOD  
Residence Country: IL  
Address: 21 YOSEF KARO ST.  
ASHDOD ISRAEL, 77643 IL

Primary Citizenship: ISRAEL  
Given Name: OZ  
Family Name: CABIRI  
Residence City: MACABIM  
Residence Country: IL  
Address: NAHAL NATOF 775  
MACABIM ISRAEL, 71908 IL



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Group Art No. : 3763

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STATEMENT BY INVENTOR BEING DELETED FROM APPLICATION UNDER  
37 CFR §1.48(a)(2)

Assistant Commissioner of Patents  
Washington, D.C. 20231

I, ISRAIL TSALS, hereby state that the inventorship error occurred without  
deceptive intention on my part.

04/01, 2003

By Israil Tsals  
ISRAIL TSALS



Attorney Docket No. E1067/20114  
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STATEMENT BY INVENTOR BEING ADDED TO APPLICATION UNDER  
37 CFR §1.48(a)(2)

Assistant Commissioner of Patents  
Washington, D.C. 20231

I, DAVID DAILY, hereby state that the inventorship error occurred without  
deceptive intention on my part.

22-July, 2003

By

DAVID DAILY



Attorney Docket No. E1067/20114  
Customer No. 31717  
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37 CFR §1.48(a)(2)

Assistant Commissioner of Patents  
Washington, D.C. 20231

I, UDI CARMEL, hereby state that the inventorship error occurred without  
deceptive intention on my part.

28 July, 2003

By

  
UDICARMEL





Attorney Docket No. E1067/20114  
Customer No. 31717  
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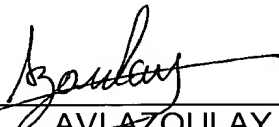
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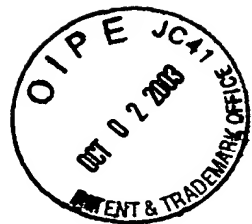
STATEMENT BY INVENTOR BEING ADDED TO APPLICATION UNDER  
37 CFR §1.48(a)(2)

Assistant Commissioner of Patents  
Washington, D.C. 20231

I, AVI AZOULAY, hereby state that the inventorship error occurred without  
deceptive intention on my part.

21 JULY, 2003

By   
AVI AZOULAY



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Assistant Commissioner of Patents  
Washington, D.C. 20231

I, OZ CABIRI, hereby state that the inventorship error occurred without deceptive  
intention on my part.

22, July, 2003

By OZ Cabiri  
OZ CABIRI



Attorney Docket No.

Substitute for Forms PTO/SB/01A (10-01) and PTO/SB/81 (02-01)  
CRBCP 04-24-2002**DECLARATION (37 CFR 1.63) AND POWER OF ATTORNEY FOR UTILITY OR DESIGN  
APPLICATION USING AN APPLICATION DATA SHEET (37 CFR 1.76)**

Received by KA

IP Counsel

23 JUL 2003

**Title of Invention:** NEEDLE DEVICE AND METHOD THEREOF

As the below named inventor(s), I/we declare that:

This declaration is directed to:

- ☐ The attached application, or  
☐ Application No. 09/883,025, filed on June 17, 2001  
as amended on \_\_\_\_\_ (if applicable);

I/we believe that I/we am/are the original and first inventor(s) of the subject matter which is claimed and for which a patent is sought;

I/ we have reviewed and understand the contents of the above-identified application, including the claims, as amended by any amendment specifically referred to above;

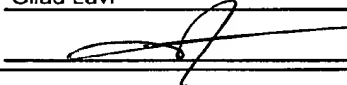
I/we acknowledge the duty to disclose to the United States Patent and Trademark Office all information known to me/us to be material to patentability as defined in 37 CFR 1.56, including for continuation-in-part applications, material information which became available between the filing date of the prior application and the national or PCT International filing date of the continuation-in-part application.

All statements made herein of my/own knowledge are true, all statements made herein on information and belief are believed to be true, and further that these statements were made with the knowledge that willful false statements and the like are punishable by fine or imprisonment, or both, under 18 U.S.C. 1001, and may jeopardize the validity of the application or any patent issuing thereon.

I hereby appoint the practitioners at Customer No. 31717 as my/our attorney(s) or agent(s) to prosecute the application identified above, and to transact all business in the United States Patent and Trademark Office connected therewith. Please change the correspondence address for the above-identified application to Customer No. 31717.

**\*31717\*****31717**

U.S. PATENT &amp; TRADEMARK OFFICE

**FULL NAME OF INVENTOR(S)**Inventor one: Gilad LaviCitizen of: ISRAELSignature: Date: July 20, 2003Inventor two: Gil YigalCitizen of: ISRAEL

Signature: \_\_\_\_\_

Date: \_\_\_\_\_

Inventor three: David DailyCitizen of: ISRAEL

Signature: \_\_\_\_\_

Date: \_\_\_\_\_

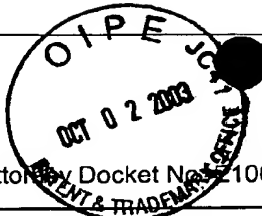
Inventor four: Udi CarmelCitizen of: ISRAEL

Signature: \_\_\_\_\_

Date: \_\_\_\_\_

Additional inventors are being named on 1 additional form(s) attached hereto.**RECEIVED****OCT 14 2003**

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Attorney Docket No. 1067/20114

Substitute for Forms PTO/SB/01A (10-01) and PTO/SB/81 (02-01)  
CRBCP 04-24-2002**DECLARATION (37 CFR 1.63) AND POWER OF ATTORNEY FOR UTILITY OR DESIGN  
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**\*31717\***  
**31717**

U.S. PATENT &amp; TRADEMARK OFFICE

**FULL NAME OF INVENTOR(S)**Inventor five: Avi Azoulay Citizen of: ISRAEL

Signature: \_\_\_\_\_ Date: \_\_\_\_\_

Inventor six: Oz Cabiri Citizen of: ISRAEL

Signature: \_\_\_\_\_ Date: \_\_\_\_\_

Inventor seven: \_\_\_\_\_ Citizen of: \_\_\_\_\_

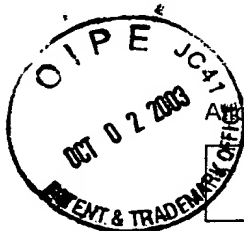
Signature: \_\_\_\_\_ Date: \_\_\_\_\_

Inventor eight: \_\_\_\_\_ Citizen of: \_\_\_\_\_

Signature: \_\_\_\_\_ Date: \_\_\_\_\_

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Inventor one: Gilad Lavi Citizen of: ISRAEL  
Signature: \_\_\_\_\_ Date: \_\_\_\_\_

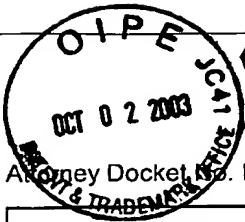
Inventor two: Gil Yigal Citizen of: ISRAEL  
Signature: [Signature] Date: July 23, 2003

Inventor three: David Daily Citizen of: ISRAEL  
Signature: \_\_\_\_\_ Date: \_\_\_\_\_

Inventor four: Udi Carmel Citizen of: ISRAEL  
Signature: \_\_\_\_\_ Date: \_\_\_\_\_

Additional inventors are being named on 1 additional form(s) attached hereto.**RECEIVED****OCT 14 2003**

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U.S. PATENT & TRADEMARK OFFICE

**FULL NAME OF INVENTOR(S)**

Inventor five: Avi Azoulay Citizen of: ISRAEL

Signature: \_\_\_\_\_ Date: \_\_\_\_\_

Inventor six: Oz Cabiri Citizen of: ISRAEL

Signature: \_\_\_\_\_ Date: \_\_\_\_\_

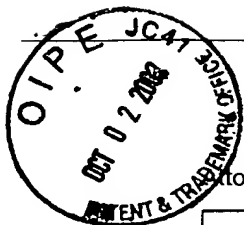
Inventor seven: \_\_\_\_\_ Citizen of: \_\_\_\_\_

Signature: \_\_\_\_\_ Date: \_\_\_\_\_

Inventor eight: \_\_\_\_\_ Citizen of: \_\_\_\_\_

Signature: \_\_\_\_\_ Date: \_\_\_\_\_

Additional inventors are being named on \_\_\_\_ additional form(s) attached hereto.



Received by KA  
IP Counsel

08 SEP 2003

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Signature: \_\_\_\_\_ Date: \_\_\_\_\_

Inventor two: Gil Yigal Citizen of: ISRAEL

Signature: \_\_\_\_\_ Date: \_\_\_\_\_

Inventor three: David Daily Citizen of: ISRAEL

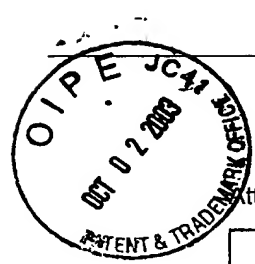
Signature: [Signature] Date: 22.7.03

Inventor four: Udi Carmel Citizen of: ISRAEL

Signature: \_\_\_\_\_ Date: \_\_\_\_\_

Additional inventors are being named on 1 additional form(s) attached hereto.

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U.S. PATENT &amp; TRADEMARK OFFICE

**FULL NAME OF INVENTOR(S)**Inventor five: Avi Azoulay Citizen of: ISRAEL

Signature: \_\_\_\_\_ Date: \_\_\_\_\_

Inventor six: Oz Cabiri Citizen of: ISRAEL

Signature: \_\_\_\_\_ Date: \_\_\_\_\_

Inventor seven: \_\_\_\_\_ Citizen of: \_\_\_\_\_

Signature: \_\_\_\_\_ Date: \_\_\_\_\_

Inventor eight: \_\_\_\_\_ Citizen of: \_\_\_\_\_

Signature: \_\_\_\_\_ Date: \_\_\_\_\_

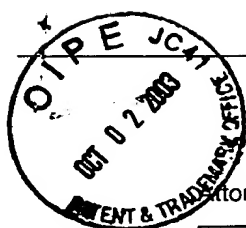
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I/we believe that I/we am/are the original and first inventor(s) of the subject matter which is claimed and for which a patent is sought;

I/ we have reviewed and understand the contents of the above-identified application, including the claims, as amended by any amendment specifically referred to above;

I/we acknowledge the duty to disclose to the United States Patent and Trademark Office all information known to me/us to be material to patentability as defined in 37 CFR 1.56, including for continuation-in-part applications, material information which became available between the filing date of the prior application and the national or PCT International filing date of the continuation-in-part application.

All statements made herein of my/own knowledge are true, all statements made herein on information and belief are believed to be true, and further that these statements were made with the knowledge that willful false statements and the like are punishable by fine or imprisonment, or both, under 18 U.S.C. 1001, and may jeopardize the validity of the application or any patent issuing thereon.

I hereby appoint the practitioners at Customer No. 31717 as my/our attorney(s) or agent(s) to prosecute the application identified above, and to transact all business in the United States Patent and Trademark Office connected therewith. Please change the correspondence address for the above-identified application to Customer No. 31717.

**\*31717\***  
**31717**

U.S. PATENT &amp; TRADEMARK OFFICE

**FULL NAME OF INVENTOR(S)**Inventor one: Gilad Lavi Citizen of: ISRAEL

Signature: \_\_\_\_\_ Date: \_\_\_\_\_

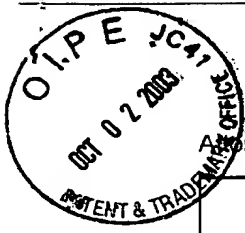
Inventor two: Gil Yigal Citizen of: ISRAEL

Signature: \_\_\_\_\_ Date: \_\_\_\_\_

Inventor three: David Daily Citizen of: ISRAEL

Signature: \_\_\_\_\_ Date: \_\_\_\_\_

Inventor four: Udi Carmel Citizen of: ISRAELSignature: [Signature] Date: 28/7/03Additional inventors are being named on 1 additional form(s) attached hereto.**RECEIVED****OCT 14 2003****TECHNOLOGY CENTER R3700**



Attorney Docket No. E1067/20114

Substitute for Forms PTO/SB/01A (10-01) and PTO/SB/81 (02-01)  
CRBCP 04-24-2002

**DECLARATION (37 CFR 1.63) AND POWER OF ATTORNEY FOR UTILITY OR DESIGN  
APPLICATION USING AN APPLICATION DATA SHEET (37 CFR 1.76)**

**Title of Invention:** NEEDLE DEVICE AND METHOD THEREOF

As the below named inventor(s), I/we declare that:

This declaration is directed to:

- ☐ The attached application, or  
☐ Application No. 09/883,025, filed on June 17, 2001,  
as amended on \_\_\_\_\_ (if applicable);

I/we believe that I/we am/are the original and first inventor(s) of the subject matter which is claimed and for which a patent is sought;

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**\*31717\***  
**31717**

U.S. PATENT & TRADEMARK OFFICE

**FULL NAME OF INVENTOR(S)**

Inventor five: Avi Azoulay Citizen of: ISRAEL

Signature: \_\_\_\_\_ Date: \_\_\_\_\_

Inventor six: Oz Cabiri Citizen of: ISRAEL

Signature: \_\_\_\_\_ Date: \_\_\_\_\_

Inventor seven: \_\_\_\_\_ Citizen of: \_\_\_\_\_

Signature: \_\_\_\_\_ Date: \_\_\_\_\_

Inventor eight: \_\_\_\_\_ Citizen of: \_\_\_\_\_

Signature: \_\_\_\_\_ Date: \_\_\_\_\_

Additional inventors are being named on \_\_\_\_ additional form(s) attached hereto.

**RECEIVED**  
**OCT 14 2003**  
TECHNOLOGY CENTER R3700



Attorney Docket No.

Substitute for Forms PTO/SB/01A (10-01) and PTO/SB/81 (02-01)  
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U.S. PATENT &amp; TRADEMARK OFFICE

**FULL NAME OF INVENTOR(S)**Inventor one: Gilad Lavi Citizen of: ISRAEL

Signature: \_\_\_\_\_ Date: \_\_\_\_\_

Inventor two: Gil Yigal Citizen of: ISRAEL

Signature: \_\_\_\_\_ Date: \_\_\_\_\_

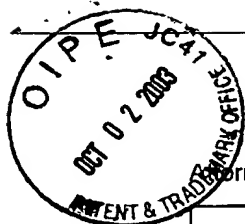
Inventor three: David Daily Citizen of: ISRAEL

Signature: \_\_\_\_\_ Date: \_\_\_\_\_

Inventor four: Udi Carmel Citizen of: ISRAEL

Signature: \_\_\_\_\_ Date: \_\_\_\_\_

Additional inventors are being named on 1 additional form(s) attached hereto.**RECEIVED**  
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TECHNOLOGY CENTER R3700



Attorney Docket No. E1067/20114

Substitute for Forms PTO/SB/01A (10-01) and PTO/SB/81 (02-01)  
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TECHNOLOGY CENTER R3700

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**31717**

U.S. PATENT &amp; TRADEMARK OFFICE

**FULL NAME OF INVENTOR(S)**Inventor five: Avi AzoulayCitizen of: ISRAEL

Signature: \_\_\_\_\_

Date: 21.7.03Inventor six: Oz CabiriCitizen of: ISRAEL

Signature: \_\_\_\_\_

Date: \_\_\_\_\_

Inventor seven: \_\_\_\_\_

Citizen of: \_\_\_\_\_

Signature: \_\_\_\_\_

Date: \_\_\_\_\_

Inventor eight: \_\_\_\_\_

Citizen of: \_\_\_\_\_

Signature: \_\_\_\_\_

Date: \_\_\_\_\_

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Attorney Docket No.

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**31717**

U.S. PATENT &amp; TRADEMARK OFFICE

**FULL NAME OF INVENTOR(S)**Inventor one: Gilad Lavi Citizen of: ISRAEL

Signature: \_\_\_\_\_ Date: \_\_\_\_\_

Inventor two: Gil Yigal Citizen of: ISRAEL

Signature: \_\_\_\_\_ Date: \_\_\_\_\_

Inventor three: David Daily Citizen of: ISRAEL

Signature: \_\_\_\_\_ Date: \_\_\_\_\_

Inventor four: Udi Carmel Citizen of: ISRAEL

Signature: \_\_\_\_\_ Date: \_\_\_\_\_

Additional inventors are being named on 1 additional form(s) attached hereto.**RECEIVED****OCT 14 2003**

TECHNOLOGY CENTER R3700



Attorney Docket No. E1067/20114

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**\*31717\***  
**31717**

U.S. PATENT &amp; TRADEMARK OFFICE

**FULL NAME OF INVENTOR(S)**Inventor five: Avi Azoulay Citizen of: ISRAEL

Signature: \_\_\_\_\_ Date: \_\_\_\_\_

Inventor six: Oz Cabiri Citizen of: ISRAELSignature: Oz Cabiri Date: 22/7/2003

Inventor seven: \_\_\_\_\_ Citizen of: \_\_\_\_\_

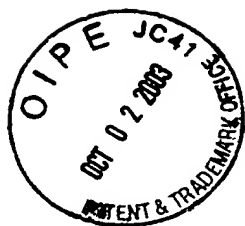
Signature: \_\_\_\_\_ Date: \_\_\_\_\_

Inventor eight: \_\_\_\_\_ Citizen of: \_\_\_\_\_

Signature: \_\_\_\_\_ Date: \_\_\_\_\_

Additional inventors are being named on \_\_\_\_ additional form(s) attached hereto.

**RECEIVED****OCT 14 2003****TECHNOLOGY CENTER R3700**



Attorney Docket No. E1067/20114  
Customer No. 31717  
**PATENT**

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE  
PATENT EXAMINING OPERATION

**RECEIVED**

OCT 14 2003

TECHNOLOGY CENTER R3700

Applicants : Gilad Lavi, et al.  
Serial No. : 09/883,025  
Filed : June 17, 2001  
For : NEEDLE DEVICE AND METHOD THEREOF  
Group Art No. : 3763  
Examiner : K. Thompson

**ASSENT OF ASSIGNEE TO DELETION AND ADDITION OF INVENTORS**

Assistant Commissioner of Patents  
Washington, D.C. 20231

**Name of Assignee:**

Elan Pharma International Limited

**Address of Assignee:**

WIL House, Shannon Business Park  
Shannon, County Clare, Ireland

**Assignee hereby assents to the deletion of Israil Tsals as an inventor and  
the addition of David Daily, Udi Carmel, Avi Azoulay and Oz Cabiri as inventors.**

**PERSON AUTHORIZED TO SIGN**

I, William F. Daniel, Company Secretary for the Assignee, aver that I am empowered to sign this Assent on behalf of the Assignee.

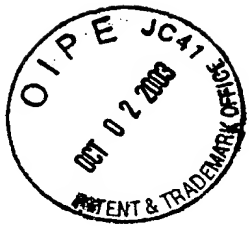
A Statement Under 37 CFR §3.73(b) is attached.

ELAN PHARMA INTERNATIONAL LIMITED

July 10, 2003

By   
William F. Daniel, Director





Attorney Docket No. E1067/20114  
Customer No. 31717  
**PATENT**

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE  
PATENT EXAMINING OPERATION

Applicants : Gilad Lavi, et al.  
Serial No. : 09/883,025  
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For : NEEDLE DEVICE AND METHOD THEREOF  
Group Art No. : 3763  
Examiner : K. Thompson

**RECEIVED**

OCT 14 2003

TECHNOLOGY CENTER R3700

**STATEMENT UNDER 37 CFR §3.73(b)**

Assistant Commissioner of Patents  
Washington, D.C. 20231

The Assignee of the entire right, title and interest hereby seeks to take action in  
the Patent and Trademark Office in this matter.

**IDENTIFICATION OF ASSIGNEE**

Elan Pharma International Limited  
WIL House, Shannon Business Park  
Shannon, County Clare, Ireland

**PERSON AUTHORIZED TO SIGN**

I, William F. Daniel, Company Secretary for the Assignee, aver that I am  
empowered to sign this statement on behalf of the Assignee.

### **BASIS OF ASSIGNEE'S INTEREST**

All right, title and interest in and to Application Serial No. 09/883,025 have been transferred to the Assignee by the inventors, namely, Gilad Lavi, Gil Ygal, David Daily, Udi Carmel, Avi Azoulay, and Oz Cabiri in a written assignment (a copy of which is attached as Exhibit A) which is being filed concurrently herewith for recordation in the U.S. Patent & Trademark Office.

### **DECLARATIONS**

I, William F. Daniel, hereby declare that all statements made herein of my own knowledge are true, and that all statements made on information and belief are believed to be true; and further, that these statements are made with the knowledge that willful false statements, and the like so made, are punishable by fine or imprisonment, or both, under Section 1001, Title 18 of the United States Code, and that such willful false statements may jeopardize the validity of any patent issuing thereon.

ELAN PHARMA INTERNATIONAL LIMITED

11<sup>th</sup> July, 2003

By

  
William F. Daniel, Company Secretary

## **ASSIGNMENT OF INVENTION**

WHEREAS, we, Gilad Lavi, Gil Yigal, David Daily, Udi Carmel, Avi Azoulay and Oz Cabiri, residing at Hamshoreret Rachel 71, Rishon Lezion, Israel 75740, Shlom Tzion 5/7, Gan-Yavne, Israel 70800, 9 Leib Yafe St., 46321 Herzliya, Israel, 78/38 Hacarmel St., 55900 Ganey Tikva, Israel, 21 Yosef Karo St., 77643 Ashdod, Israel and Nahal Natof 775, 71908 Macabim, Israel, respectively, have made a certain new and useful invention in the NEEDLE DEVICE AND METHOD THEREOF (hereinafter "invention"), and have filed U. S. Application in the United States Patent and Trademark Office on June 17, 2001 and assigned Application Serial No. 09/883,025, which is based upon U. S. Provisional Application Serial No. 60/215,770 filed on June 30, 2000;

WHEREAS, ELAN PHARMA INTERNATIONAL LIMITED, an Irish corporation organized and existing under the laws of Ireland, having an office and place of business at WIL House, Shannon Business Park, Shannon, County Clare, Ireland, is desirous of acquiring our entire right, title and interest in and to the invention and all improvements thereon which may be made, conceived or acquired by us, pursuant to our employment by ELAN PHARMA INTERNATIONAL LIMITED, in and throughout the United States, its territories and all countries foreign thereto, and in and to said applications for Letters Patent and in and to any and all Letters Patent of the United States and all countries foreign thereto which have been granted or may be granted on said invention or any part thereof, or any improvements thereon.

NOW, THEREFORE, IN CONSIDERATION of the sum of One Dollar (\$1.00), and other good and valuable consideration, the receipt of which is hereby acknowledged, we, Gilad Lavi, Gil Yigal, David Daily, Udi Carmel, Avi Azoulay and Oz Cabiri, by these presents do sell, assign and transfer unto the said ELAN PHARMA INTERNATIONAL LIMITED, our entire right, title and interest in and throughout the United States, its territories and all countries foreign thereto in and to said invention and any improvements thereon which may be made, conceived or acquired by us pursuant to our employment by ELAN PHARMA INTERNATIONAL LIMITED, and for one year thereafter, in and to said application for Letters Patent and any and all Letters Patent and extensions thereof of the United States and countries foreign thereto which have been or may be granted on said invention or any part thereof, or any improvements thereon or on said application, or any divisional, continuing, renewal, reissue, or other application and all international priority rights associated therewith, based in whole or in part thereon, or based upon said invention, or any improvements thereon;

TO BE HELD AND ENJOYED by the said ELAN PHARMA INTERNATIONAL LIMITED and its legal representatives and assigns to the full ends of the terms for which said Letters Patent, or any of them, have been granted or may be granted as fully and entirely as the same would have been held and enjoyed by us and ELAN PHARMA INTERNATIONAL LIMITED had no sale and assignment of said interest been made; and we and ELAN PHARMA INTERNATIONAL LIMITED do hereby authorize and request the Commissioner for Patents and Trademarks to issue any and all Letters Patent which may be granted upon the said invention above referred to, or any of them,


or upon said invention or any part thereof, or upon any improvements thereon which may be made, conceived or acquired by us pursuant to our employment by ELAN PHARMA INTERNATIONAL LIMITED, and for one year thereafter, and we hereby agree for ourselves, our heirs, executors and administrators, to execute without further consideration, any further legal documents and any further assignments and any releases, reissues, renewals or other applications for Letters Patent that may be deemed necessary by the ELAN PHARMA INTERNATIONAL LIMITED herein named, fully to secure to the said ELAN PHARMA INTERNATIONAL LIMITED its interest as aforesaid in and to said invention or any part thereof or any improvements thereon, and in and to said several Letters Patent, or any of them.

We do hereby covenant for ourselves and our legal representatives, and agree with ELAN PHARMA INTERNATIONAL LIMITED and its legal representatives, that we have granted no license to make or sell the said invention, that prior to the execution of this deed our rights, title and interest in the said invention has not been encumbered, that we then had good right and title in and to the invention and that we have not executed and will not execute any instrument in conflict therewith.

IN WITNESS WHEREOF, I, GILAD LAVI, have hereunto affixed my hand and seal this 20 day of July, 2003 and further declares under penalty of perjury under the laws of the United States of America that the foregoing is true and correct.

  
\_\_\_\_\_  
GILAD LAVI (SEAL)

IN WITNESS WHEREOF, I, GIL YIGAL, have hereunto affixed my hand and seal  
this 23 day of July, 2003 and further declares under penalty of perjury  
under the laws of the United States of America that the foregoing is true and correct.

  
\_\_\_\_\_  
GIL YIGAL (SEAL)

IN WITNESS WHEREOF, I, DAVID DAILY, have hereunto affixed my hand and seal this 22 day of July, 2003 and further declares under penalty of perjury under the laws of the United States of America that the foregoing is true and correct.


  
\_\_\_\_\_  
DAVID DAILY (SEAL)



IN WITNESS WHEREOF, I, UDI CARMEL, have hereunto affixed my hand and seal this 28 day of July, 2003 and further declares under penalty of perjury under the laws of the United States of America that the foregoing is true and correct.

  
\_\_\_\_\_  
UDI CARMEL (SEAL)

IN WITNESS WHEREOF, I, AVI AZOULAY, have hereunto affixed my hand and seal this 21 day of JULY, 2003 and further declares under penalty of perjury under the laws of the United States of America that the foregoing is true and correct.

 (SEAL)  
AVI AZOULAY

IN WITNESS WHEREOF, I, OZ CABIRI, have hereunto affixed my hand and seal  
this 22 day of July, 2003 and further declares under penalty of perjury  
under the laws of the United States of America that the foregoing is true and correct.

Oz Cabiri (SEAL)  
OZ CABIRI